Batch Analysis Report

Run Date: 8/9/19 10:22 AM   Experiment: Mitotracker Red_Green SH

User ID: Externos

Statistics Output: \\172.30.2.121\Servidorcito\EXTERNOS\IMDEA\090819\Mitotracker Red_Green SH-Batch_Analysis_09082019102216.csv

Worksheet PDF Output: \\172.30.2.121\Servidorcito\EXTERNOS\IMDEA\090819\Mitotracker Red_Green SH-Batch_Analysis_09082019102216.pdf

Control negativo

Tube	Status	Run Time
CONTROL NEGATIVO	OK	8/9/19 10:22 AM
Mitotracker Red	OK	8/9/19 10:22 AM
Mitotracker Green	OK	8/9/19 10:22 AM

CM1

Tube	Status	Run Time
A	OK	8/9/19 10:22 AM
B	OK	8/9/19 10:22 AM
C	OK	8/9/19 10:22 AM

CM2

Tube	Status	Run Time
A	OK	8/9/19 10:23 AM
B	OK	8/9/19 10:23 AM
C	OK	8/9/19 10:23 AM

CM3

Tube	Status	Run Time
A	OK	8/9/19 10:23 AM
B	OK	8/9/19 10:23 AM
C	OK	8/9/19 10:23 AM

mir1

Tube	Status	Run Time
A	OK	8/9/19 10:23 AM
B	OK	8/9/19 10:23 AM
C	OK	8/9/19 10:23 AM

mir2

Tube	Status	Run Time
A	OK	8/9/19 10:23 AM
B	OK	8/9/19 10:23 AM
C	OK	8/9/19 10:23 AM

mir3

Tube	Status	Run Time
A	OK	8/9/19 10:23 AM
B	OK	8/9/19 10:23 AM
C	OK	8/9/19 10:23 AM

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Control negativo-CONTROL NEGATIVO

CELLS

SSC-A vs FSC-A (x 1,000)

Control negativo-CONTROL NEGATIVO

SINGLETS

FSC-H (x 1,000) vs FSC-A (x 1,000)

Control negativo-CONTROL NEGATIVO

Count vs Mitotracker Red FL3-A

Control negativo-CONTROL NEG

Mitotracker Red FL3-A vs MitoTracker Green FL1-A

Q1 Q2 Q3 Q4

Control negativo-CONTROL NEGATIVO

Count vs MitoTracker Green FL1-A
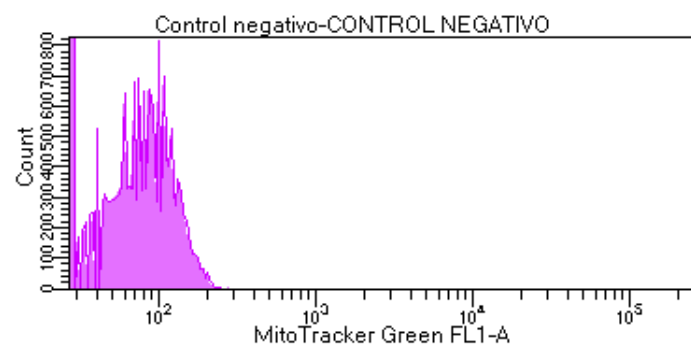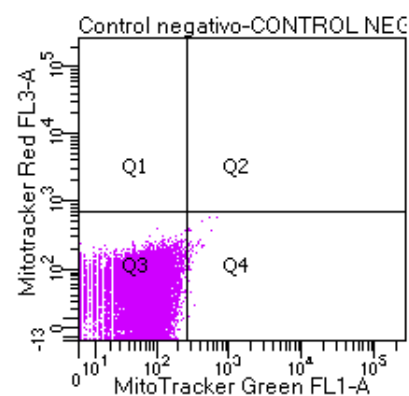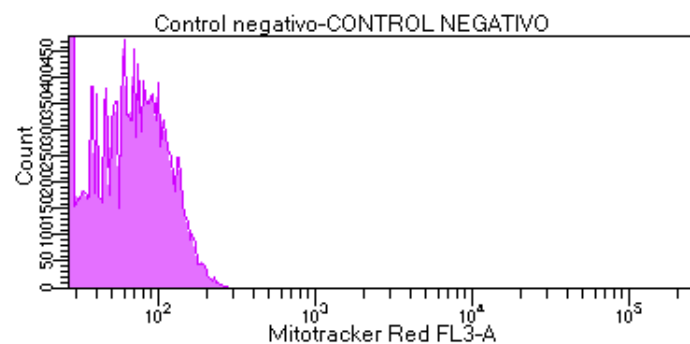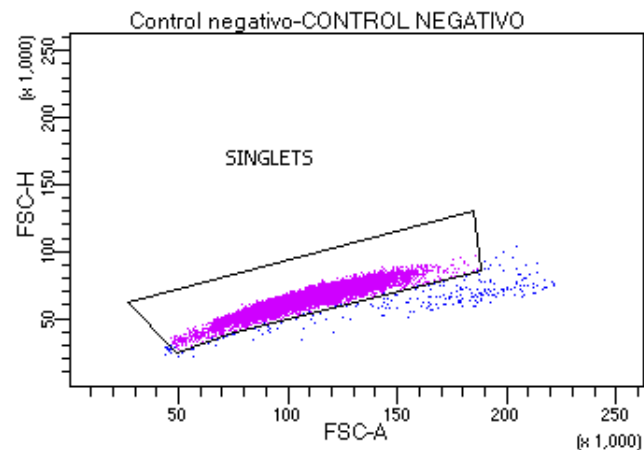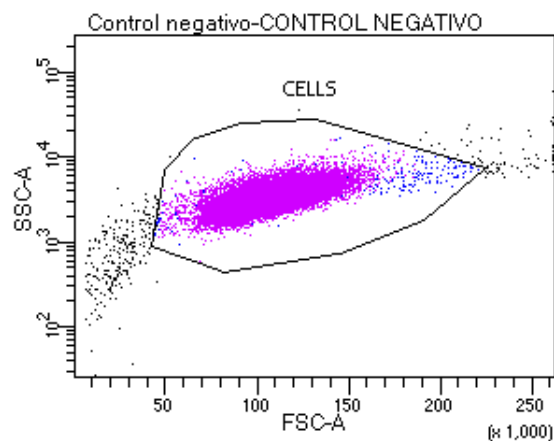
Specimen Name:	Control negativo	
Tube Name:	CONTROL NEGATIVO	

Population	#Events	%Parent	MitoTracker Gr... Mean	Mitotracker Re... Mean
■ SINGLETS	20,000	98.7	74	54
⊠ Q1	0	0.0	####	####
⊠ Q2	0	0.0	####	####
⊠ Q3	19,957	99.8	74	54
⊠ Q4	43	0.2	319	213

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Control negativo-Mitotracker Red

CELLS

SSC-A vs FSC-A (x 1,000)

Control negativo-Mitotracker Red

SINGLETS

FSC-H (x 1,000) vs FSC-A (x 1,000)

Control negativo-Mitotracker Red

Count vs Mitotracker Red FL3-A

Control negativo-Mitotracker Red

Mitotracker Red FL3-A vs MitoTracker Green FL1-A

Q1 Q2
Q3 Q4

Control negativo-Mitotracker Red
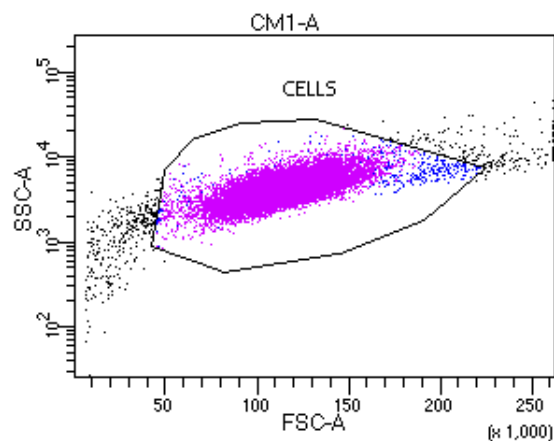
Count vs MitoTracker Green FL1-A
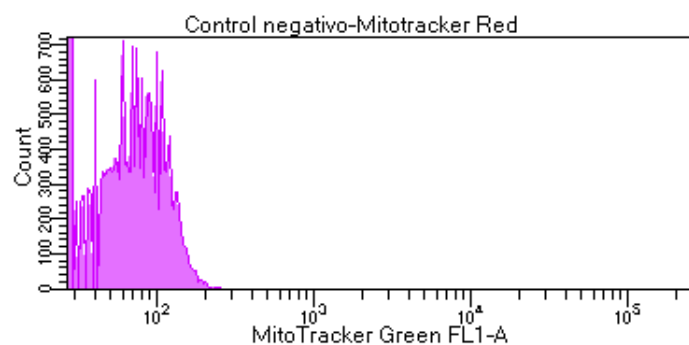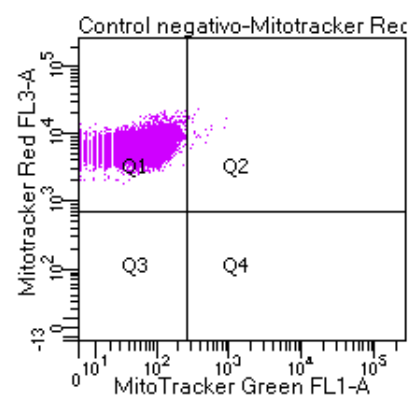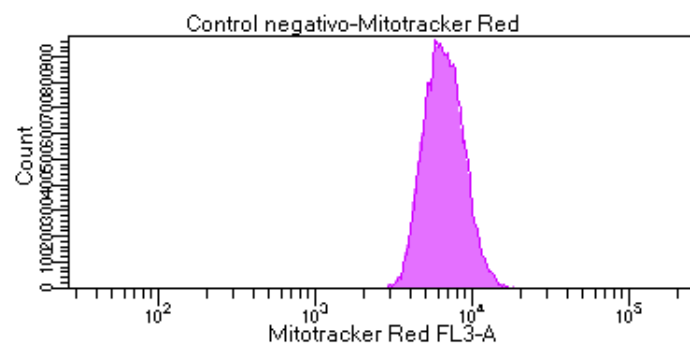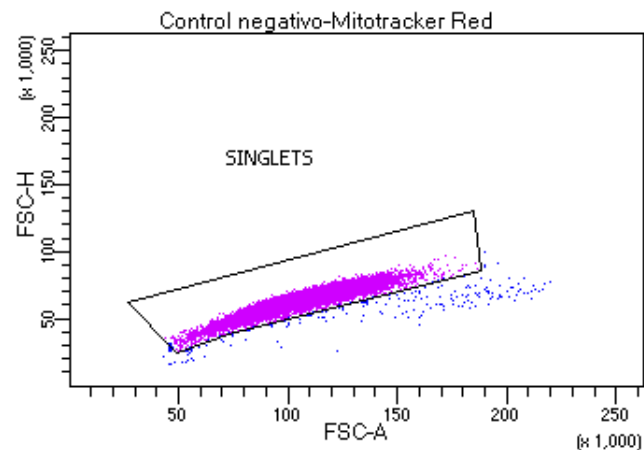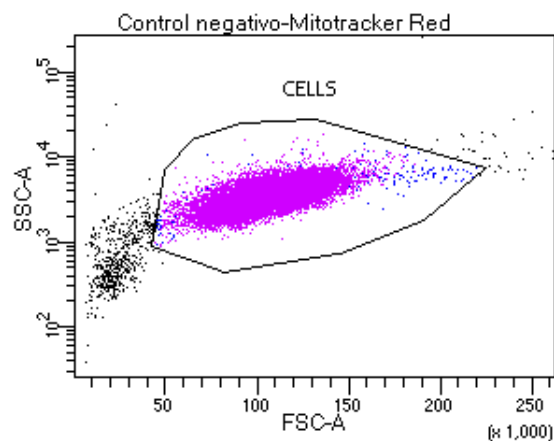
Specimen Name:	Control negativo
Tube Name:	Mitotracker Red

Population	#Events	%Parent	MitoTracker Gr... Mean	Mitotracker Re... Mean
SINGLETS	20,000	98.8	65	6,623
Q1	19,980	99.9	65	6,617
Q2	20	0.1	417	12,822
Q3	0	0.0	####	####
Q4	0	0.0	####	####

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Control negativo-Mitotracker Green

CELLS

SSC-A vs FSC-A (x 1,000)

Control negativo-Mitotracker Green

SINGLETS

FSC-H (x 1,000) vs FSC-A (x 1,000)

Control negativo-Mitotracker Green

Count vs Mitotracker Red FL3-A

Control negativo-Mitotracker Gre

Mitotracker Red FL3-A vs MitoTracker Green FL1-A

Q1 Q2
Q3 Q4

Control negativo-Mitotracker Green

Count vs MitoTracker Green FL1-A
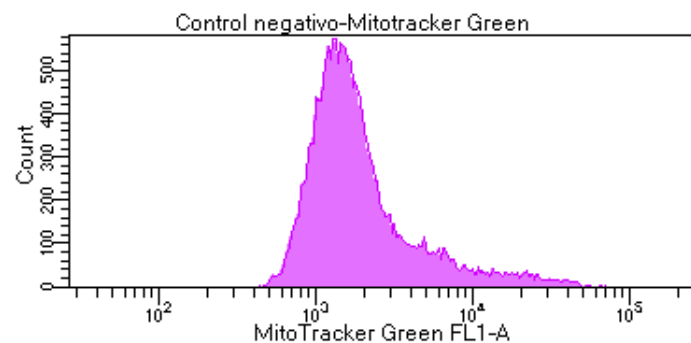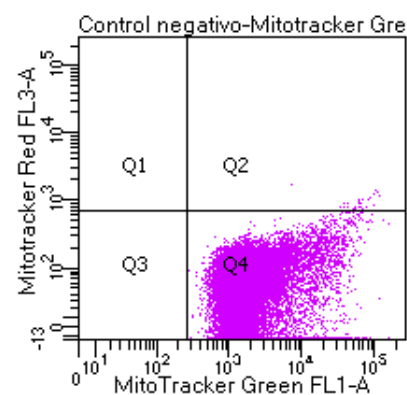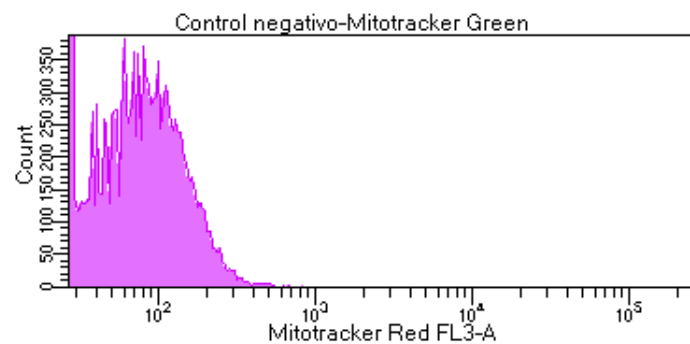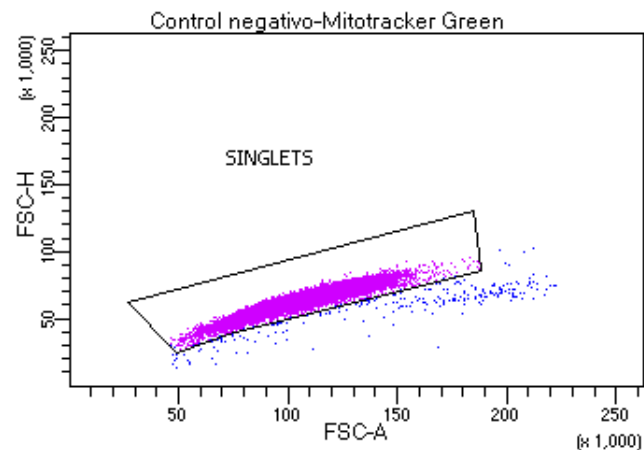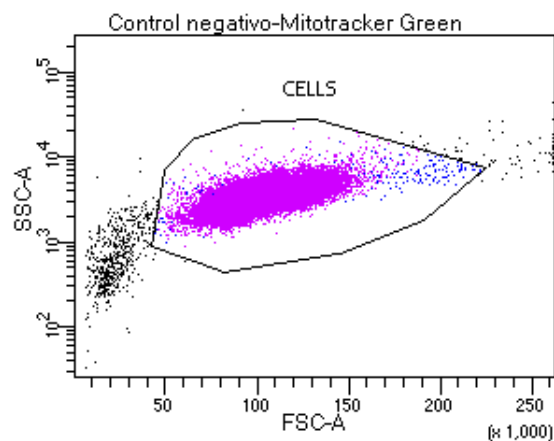
Specimen Name:	Control negativo
Tube Name:	Mitotracker Green

Population	#Events	%Parent	MitoTracker Gr... Mean	Mitotracker Re... Mean
SINGLETS	20,000	98.6	3,515	61
Q1	0	0.0	####	####
Q2	25	0.1	66,969	956
Q3	0	0.0	####	####
Q4	19,975	99.9	3,435	60

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CM1-A (SSC-A vs FSC-A)

CELLS

SSC-A axis: 10^2, 10^3, 10^4, 10^5
FSC-A axis (×1,000): 50, 100, 150, 200, 250

CM1-A (FSC-H vs FSC-A)

SINGLETS

FSC-H axis (×1,000): 50, 100, 150, 200, 250
FSC-A axis (×1,000): 50, 100, 150, 200, 250

CM1-A (Count vs Mitotracker Red FL3-A)

Count axis: 0, 100, 200, 300, 400, 500, 600, 700, 800, 900
Mitotracker Red FL3-A axis: 10^2, 10^3, 10^4, 10^5

CM1-A (Mitotracker Red FL3-A vs Mitotracker green FL1-A)

| Q1 | Q2 |
| Q3 | Q4 |

Mitotracker Red FL3-A axis: -13, 0, 10^2, 10^3, 10^4, 10^5
Mitotracker green FL1-A axis: 0, 10^1, 10^2, 10^3, 10^4, 10^5

CM1-A (Count vs Mitotracker green FL1-A)

Count axis: 0, 100, 200, 300, 400, 500, 600
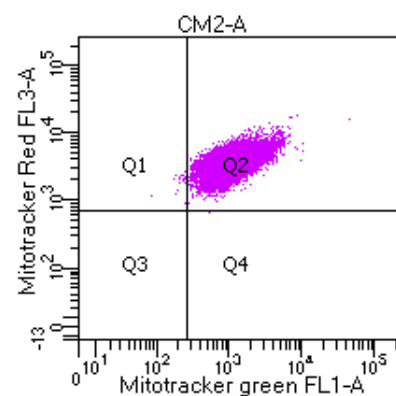Mitotracker green FL1-A axis: 10^2, 10^3, 10^4, 10^5

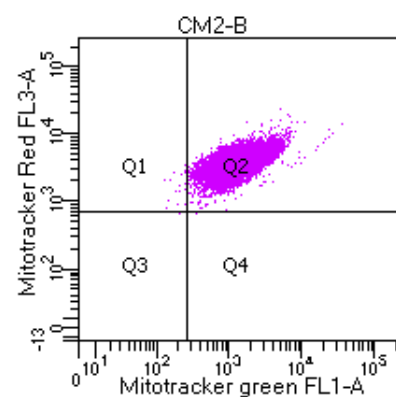Specimen Name: CM1
Tube Name: A

Population	#Events	%Parent	Mitotracker gre... Mean	Mitotracker Re... Mean
SINGLETS	20,000	98.0	1,172	3,163
Q1	89	0.4	215	1,917
Q2	19,909	99.5	1,177	3,169
Q3	0	0.0	####	####
Q4	2	0.0	329	625

CM1-B

CELLS

SSC-A

FSC-A (x 1,000)

CM1-B

SINGLETS

FSC-H (x 1,000)

FSC-A (x 1,000)

CM1-B

Count

Mitotracker Red FL3-A

CM1-B

Mitotracker Red FL3-A

Q1   Q2

Q3   Q4

Mitotracker green FL1-A

CM1-B

Count

Mitotracker green FL1-A
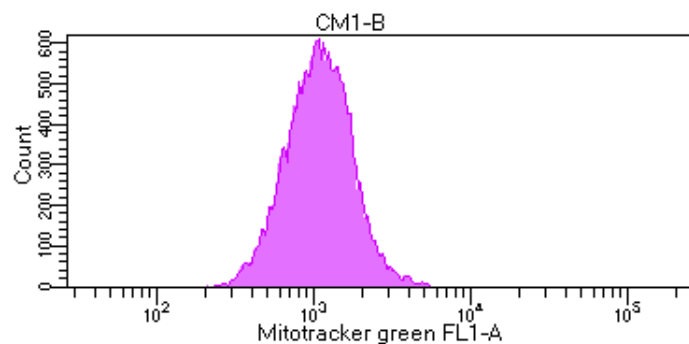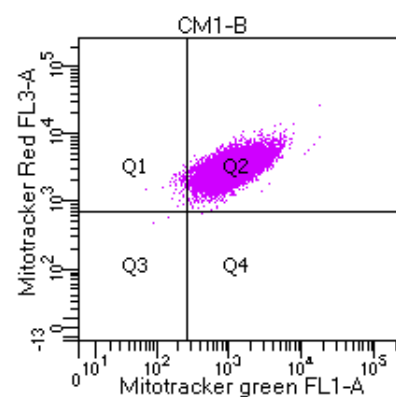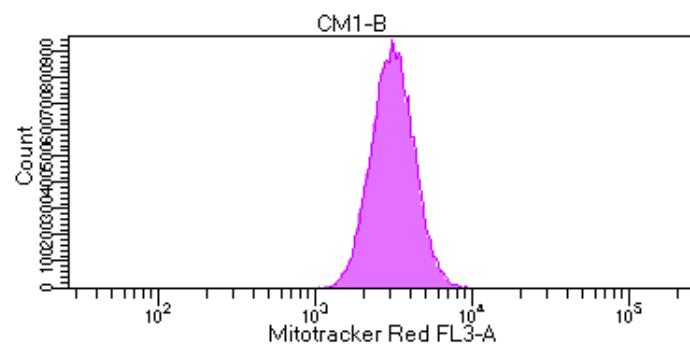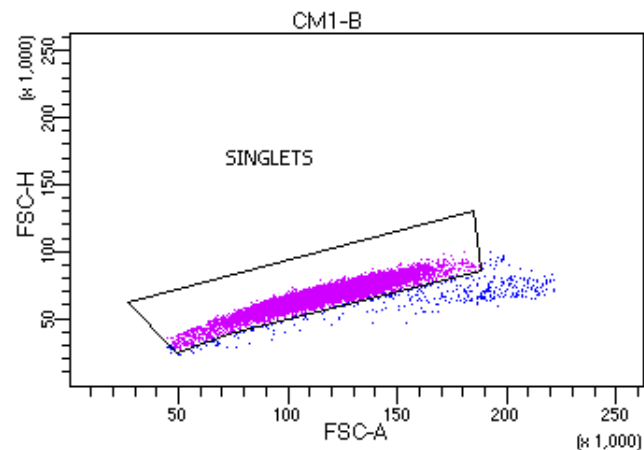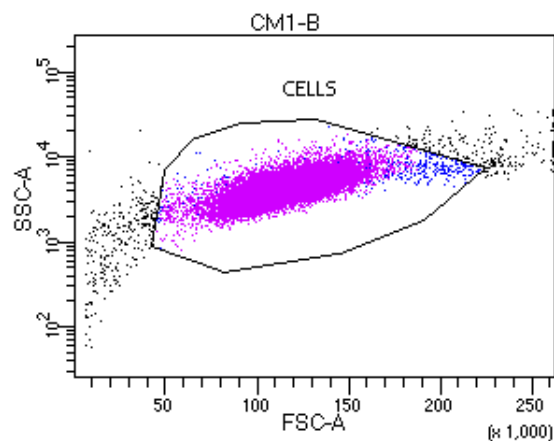
Specimen Name: CM1
Tube Name: B

Population	#Events	%Parent	Mitotracker gre... Mean	Mitotracker Re... Mean
SINGLETS	20,000	97.9	1,169	3,143
Q1	77	0.4	215	2,024
Q2	19,919	99.6	1,173	3,148
Q3	3	0.0	160	534
Q4	1	0.0	417	626

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CM1-C

CELLS

SSC-A vs FSC-A (x 1,000)

CM1-C

SINGLETS

FSC-H (x 1,000) vs FSC-A (x 1,000)

CM1-C

Count vs Mitotracker Red FL3-A

CM1-C

Q1	Q2
Q3	Q4

Mitotracker Red FL3-A vs Mitotracker green FL1-A

CM1-C

Count vs Mitotracker green FL1-A
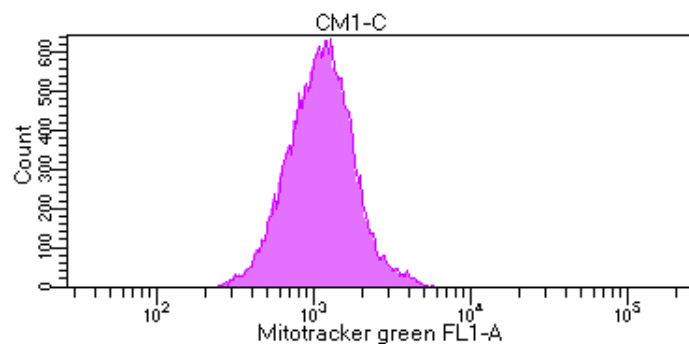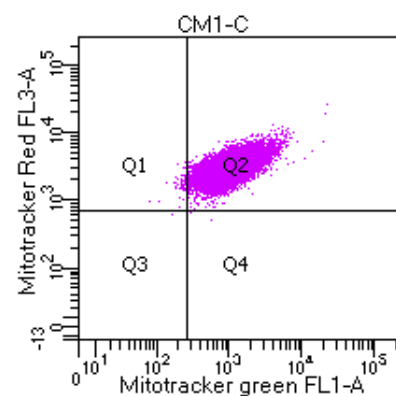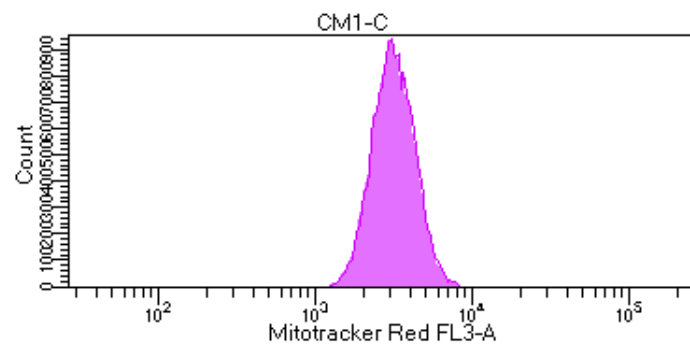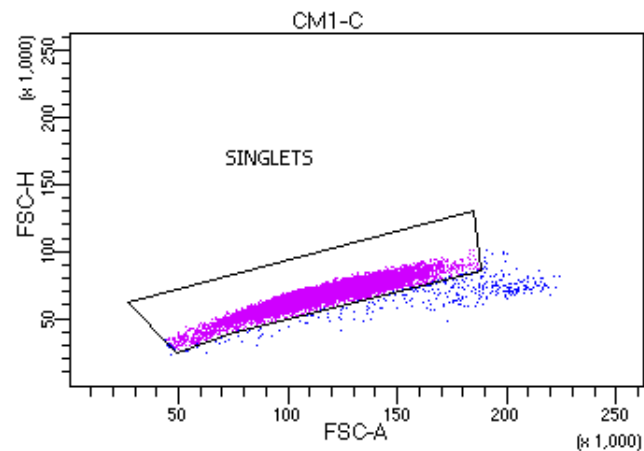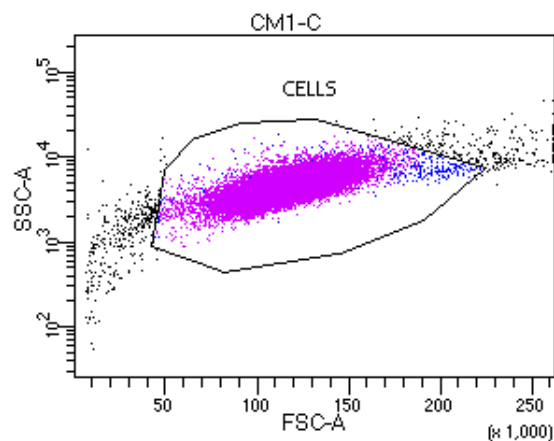
Specimen Name: CM1
Tube Name: C

Population	#Events	%Parent	Mitotracker gre... Mean	Mitotracker Re... Mean
◼ SINGLETS	20,000	98.2	1,201	3,175
⊠ Q1	61	0.3	217	1,893
⊠ Q2	19,935	99.7	1,204	3,179
⊠ Q3	1	0.0	154	617
⊠ Q4	3	0.0	443	621

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Population	#Events	%Parent	Mitotracker gre... Mean	Mitotracker Re... Mean
▉ SINGLETS	20,000	98.6	1,239	3,742
⊠ Q1	31	0.2	222	2,069
⊠ Q2	19,967	99.8	1,240	3,745
⊠ Q3	1	0.0	223	674
⊠ Q4	1	0.0	516	641

Specimen Name: CM2
Tube Name: A

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CM2-B — CELLS (SSC-A vs FSC-A)

CM2-B — SINGLETS (FSC-H vs FSC-A)

CM2-B — Count vs Mitotracker Red FL3-A

CM2-B — Mitotracker Red FL3-A vs Mitotracker green FL1-A (Q1, Q2, Q3, Q4)

CM2-B — Count vs Mitotracker green FL1-A

Specimen Name:	CM2
Tube Name:	B

Population	#Events	%Parent	Mitotracker gre... Mean	Mitotracker Re... Mean
SINGLETS	20,000	98.8	1,351	3,730
Q1	20	0.1	205	1,811
Q2	19,978	99.9	1,353	3,733
Q3	1	0.0	197	645
Q4	1	0.0	344	628

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CM2-C
(SSC-A vs FSC-A plot)

CELLS

CM2-C
(FSC-H vs FSC-A plot)

SINGLETS

CM2-C
(Count vs Mitotracker Red FL3-A histogram)

CM2-C
(Mitotracker Red FL3-A vs Mitotracker green FL1-A plot)

Q1 Q2
Q3 Q4

CM2-C
(Count vs Mitotracker green FL1-A histogram)
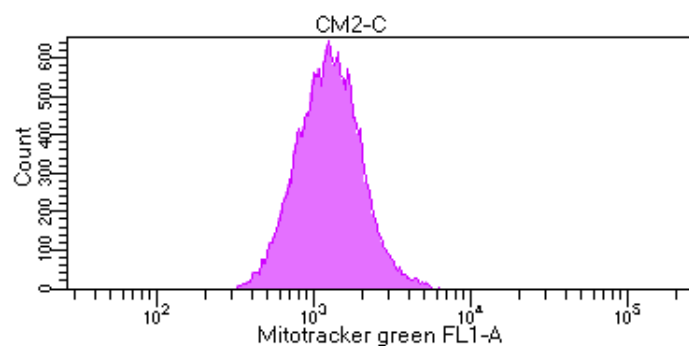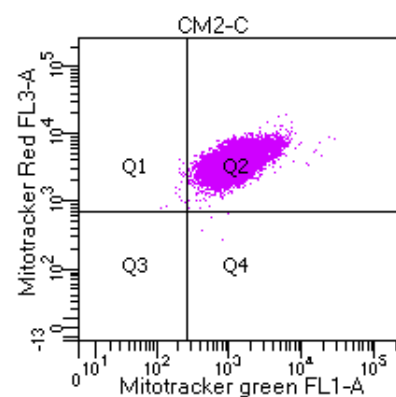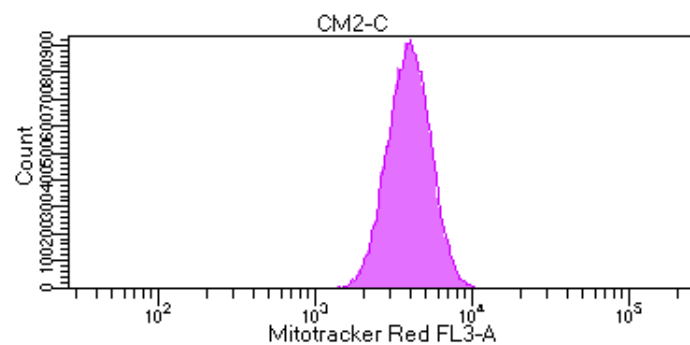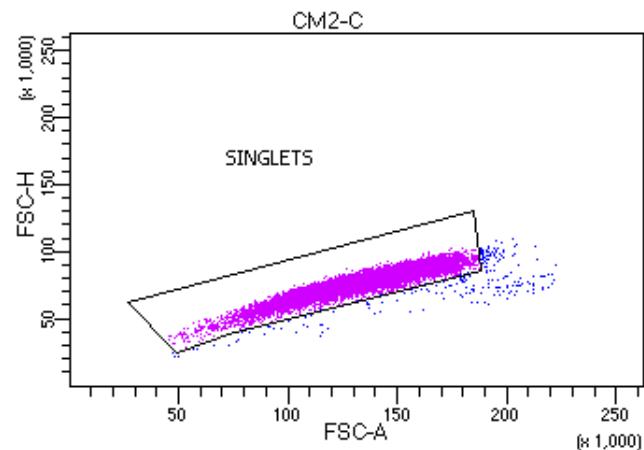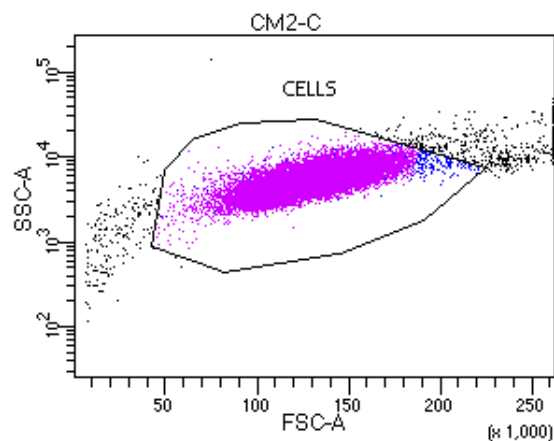
Specimen Name:	CM2
Tube Name:	C

Population	#Events	%Parent	Mitotracker gre... Mean	Mitotracker Re... Mean
SINGLETS	20,000	98.7	1,354	3,974
Q1	20	0.1	205	2,067
Q2	19,976	99.9	1,355	3,976
Q3	0	0.0	####	####
Q4	4	0.0	676	464

Global Sheet1

Printed on: Fri Aug 9, 2019 10:23:02 CEST

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CM3-A — CELLS (SSC-A vs FSC-A x 1,000)

CM3-A — SINGLETS (FSC-H x 1,000 vs FSC-A x 1,000)

CM3-A — Count vs Mitotracker Red FL3-A

CM3-A — Mitotracker Red FL3-A vs Mitotracker green FL1-A (Q1, Q2, Q3, Q4)
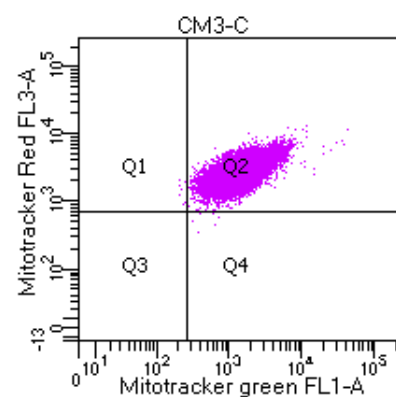
CM3-A — Count vs Mitotracker green FL1-A
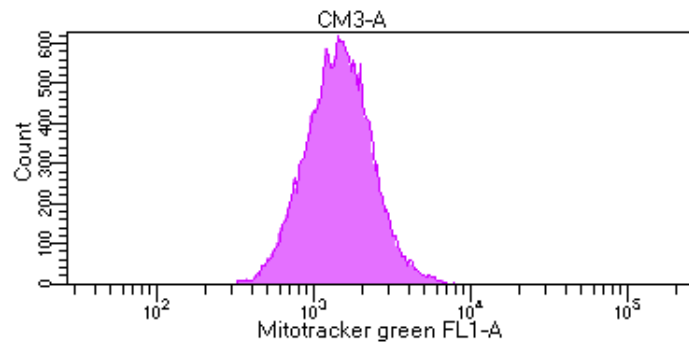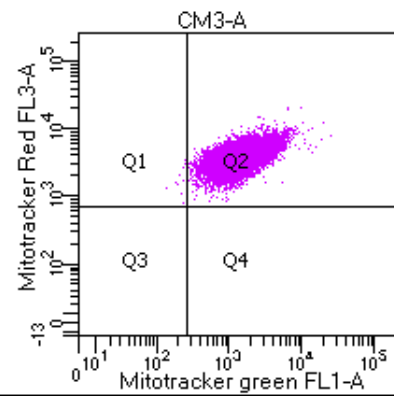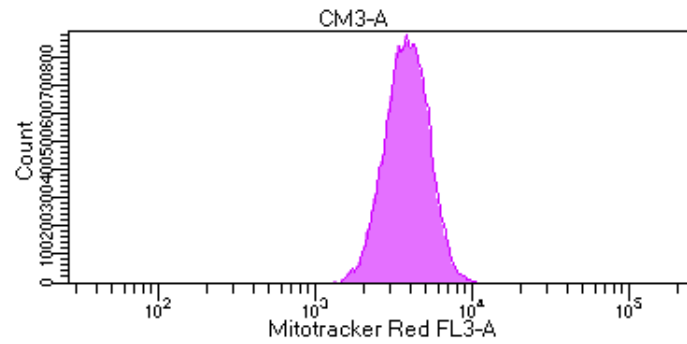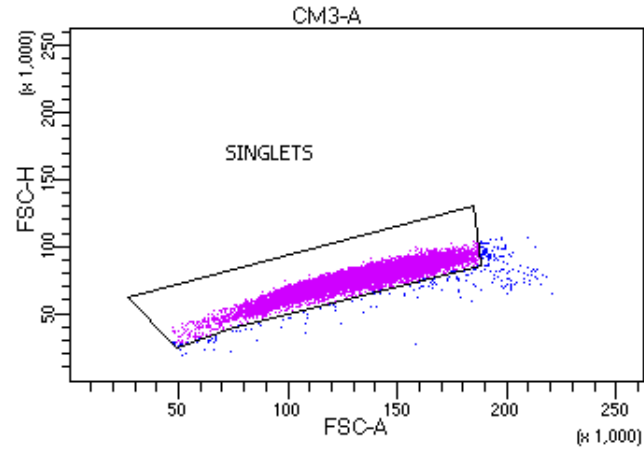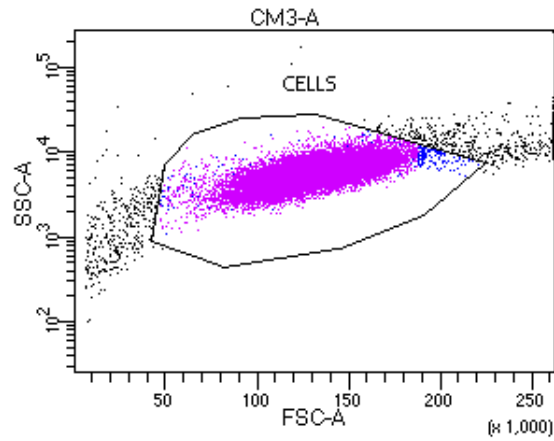
Specimen Name: CM3
Tube Name: A

Population	#Events	%Parent	Mitotracker gre... Mean	Mitotracker Re... Mean
SINGLETS	20,000	98.6	1,568	3,860
Q1	13	0.1	215	1,812
Q2	19,987	99.9	1,568	3,861
Q3	0	0.0	####	####
Q4	0	0.0	####	####

CM3-B

CELLS

SSC-A

FSC-A (x 1,000)

CM3-B

SINGLETS

FSC-H (x 1,000)

FSC-A (x 1,000)

CM3-B

Count

Mitotracker Red FL3-A

CM3-B

Mitotracker Red FL3-A

Q1　Q2

Q3　Q4

Mitotracker green FL1-A

CM3-B
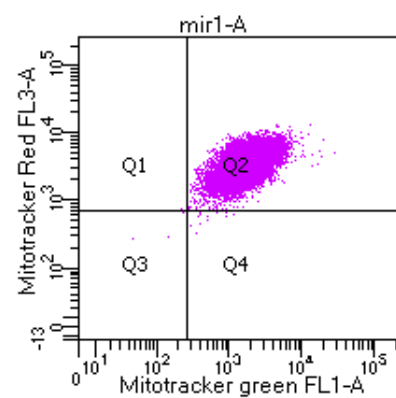
Count

Mitotracker green FL1-A
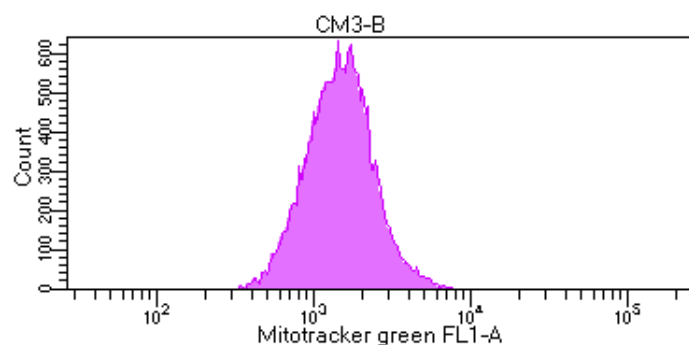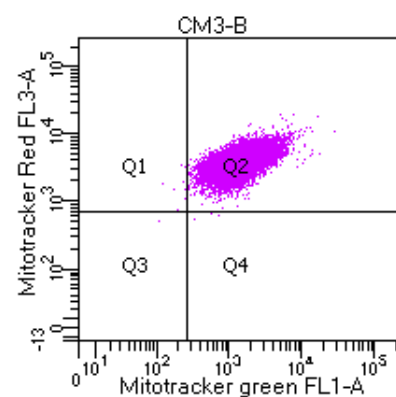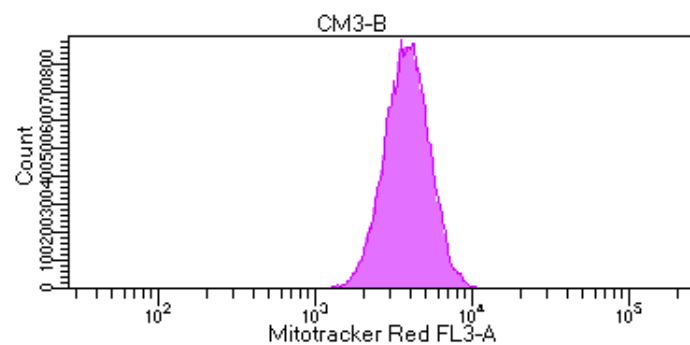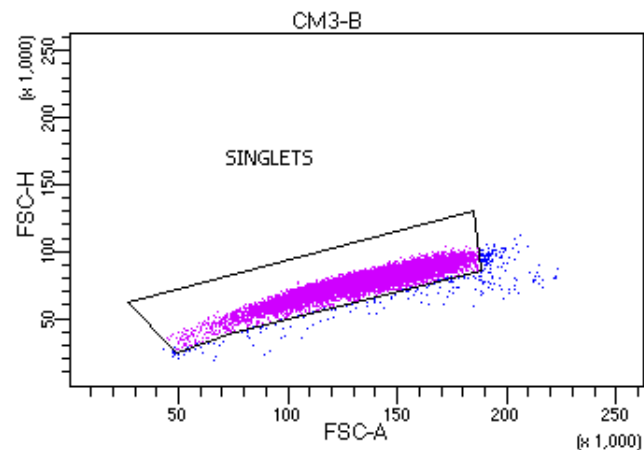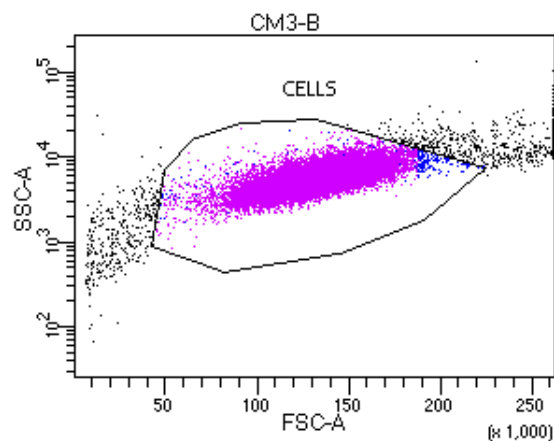
Specimen Name:　CM3
Tube Name:　B

Population	#Events	%Parent	Mitotracker gre... Mean	Mitotracker Re... Mean
SINGLETS	20,000	98.5	1,593	3,872
Q1	10	0.1	211	1,811
Q2	19,984	99.9	1,594	3,874
Q3	2	0.0	172	595
Q4	4	0.0	533	606

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CM3-C — CELLS
SSC-A vs FSC-A (x 1,000)

CM3-C — SINGLETS
FSC-H (x 1,000) vs FSC-A (x 1,000)

CM3-C
Count vs Mitotracker Red FL3-A

CM3-C
Mitotracker Red FL3-A vs Mitotracker green FL1-A
Q1 Q2
Q3 Q4

CM3-C
Count vs Mitotracker green FL1-A

Specimen Name: CM3
Tube Name: C

Population	#Events	%Parent	Mitotracker gre... Mean	Mitotracker Re... Mean
SINGLETS	20,000	98.7	1,588	2,809
Q1	10	0.1	223	1,570
Q2	19,980	99.9	1,590	2,811
Q3	0	0.0	####	####
Q4	10	0.1	579	590

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mir1-A

CELLS

SSC-A / FSC-A (x 1,000)

mir1-A

SINGLETS

FSC-H (x 1,000) / FSC-A (x 1,000)

mir1-A

Count / Mitotracker Red FL3-A

mir1-A

Q1 Q2
Q3 Q4

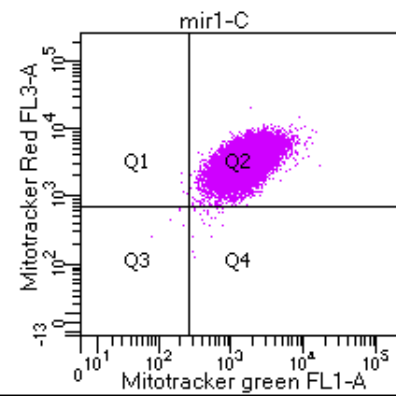Mitotracker Red FL3-A / Mitotracker green FL1-A

mir1-A

Count / Mitotracker green FL1-A
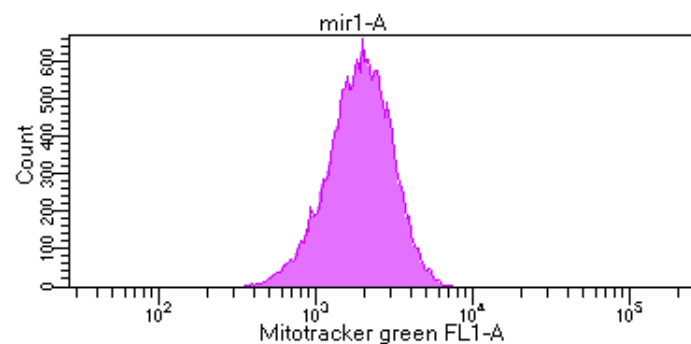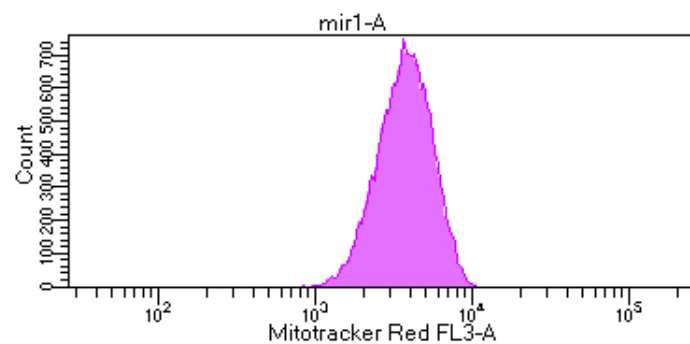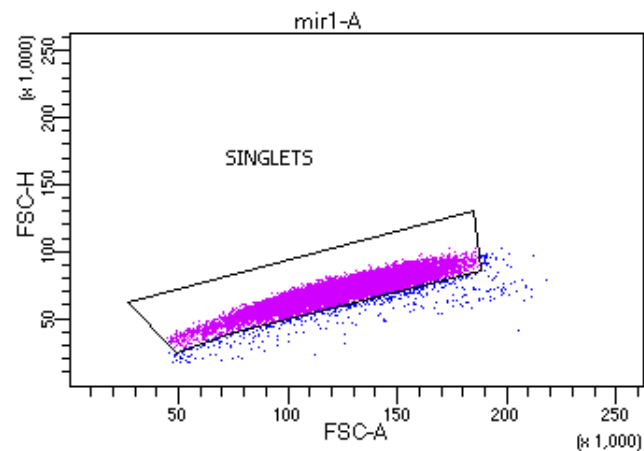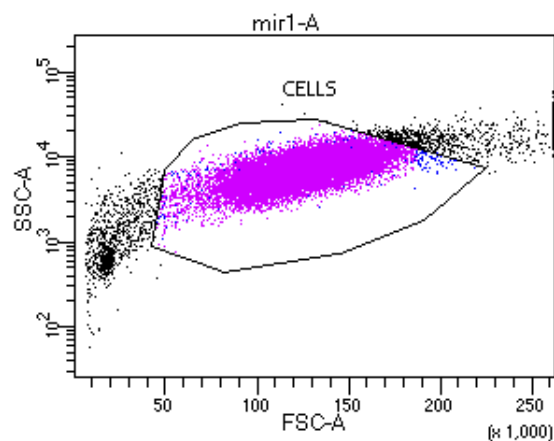
| | | | Specimen Name: | mir1 | |
| | | | Tube Name: | A | |

Population	#Events	%Parent	Mitotracker gre... Mean	Mitotracker Re... Mean
SINGLETS	20,000	97.2	2,016	3,806
Q1	3	0.0	239	1,164
Q2	19,979	99.9	2,018	3,810
Q3	3	0.0	133	399
Q4	15	0.1	647	565

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mir1-B

CELLS

SSC-A
FSC-A (x 1,000)

mir1-B

SINGLETS

FSC-H (x 1,000)
FSC-A (x 1,000)

mir1-B

Count
Mitotracker Red FL3-A

mir1-B

Q1   Q2
Q3   Q4

Mitotracker Red FL3-A
Mitotracker green FL1-A

mir1-B

Count
Mitotracker green FL1-A
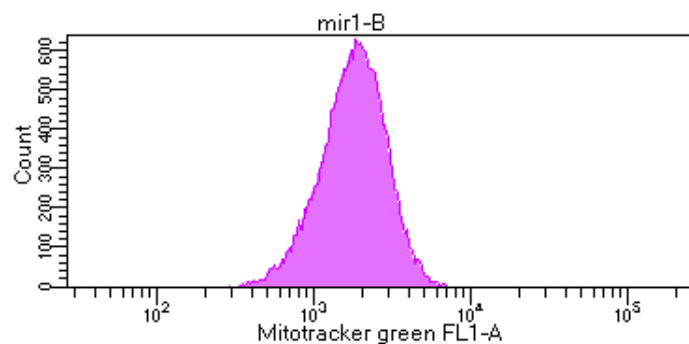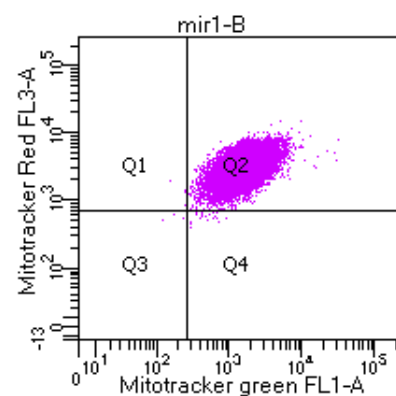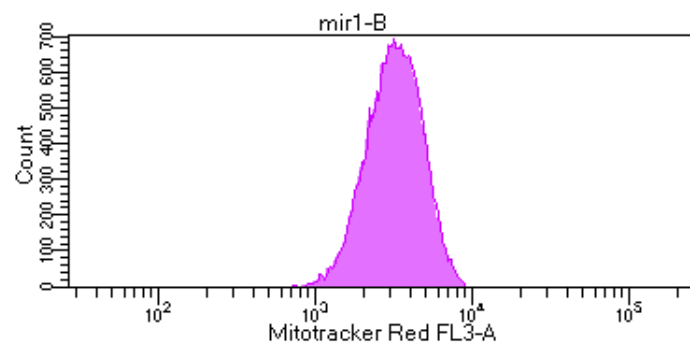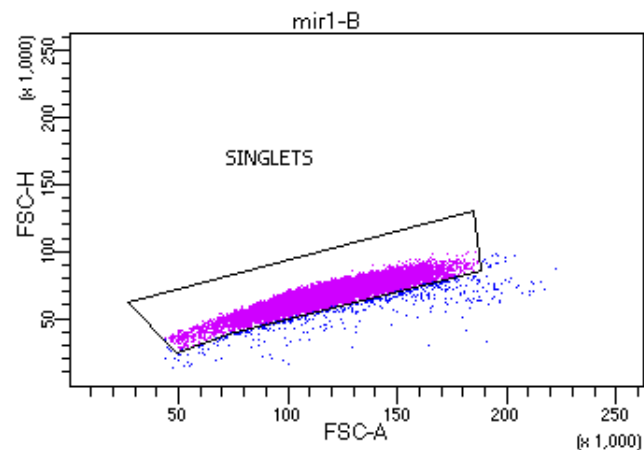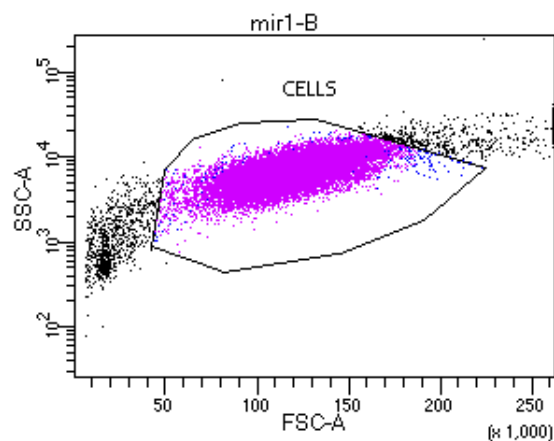
Specimen Name:			mir1	
Tube Name:			B	

Population	#Events	%Parent	Mitotracker gre... Mean	Mitotracker Re... Mean
SINGLETS	20,000	97.2	1,895	3,283
Q1	5	0.0	222	1,328
Q2	19,958	99.8	1,897	3,289
Q3	3	0.0	167	549
Q4	34	0.2	568	612

mir1-C

CELLS

SSC-A

FSC-A (x 1,000)

mir1-C

SINGLETS

FSC-H (x 1,000)

FSC-A (x 1,000)

mir1-C

Count

Mitotracker Red FL3-A

mir1-C

Q1	Q2
Q3	Q4

Mitotracker Red FL3-A

Mitotracker green FL1-A

mir1-C

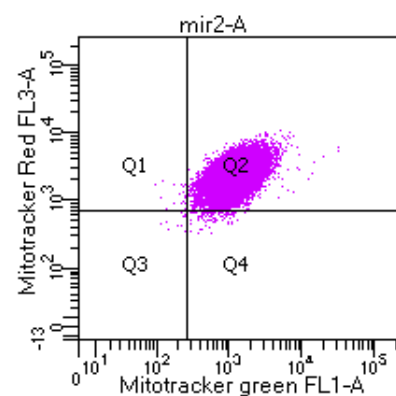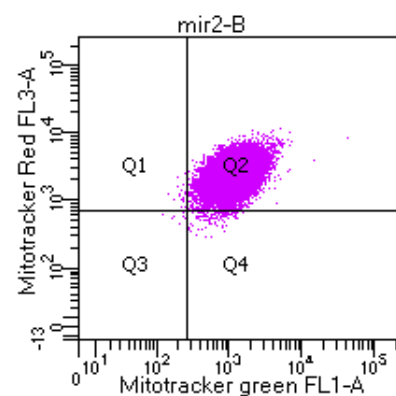

Count

Mitotracker green FL1-A
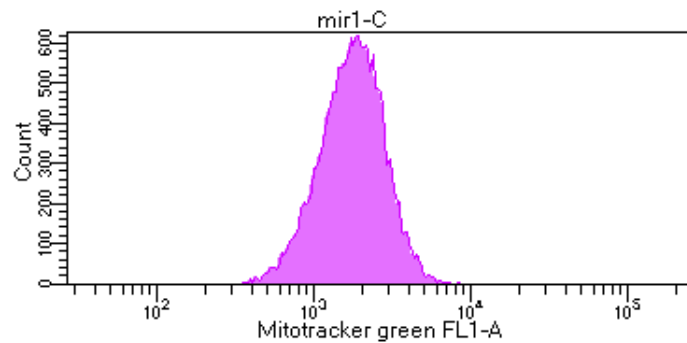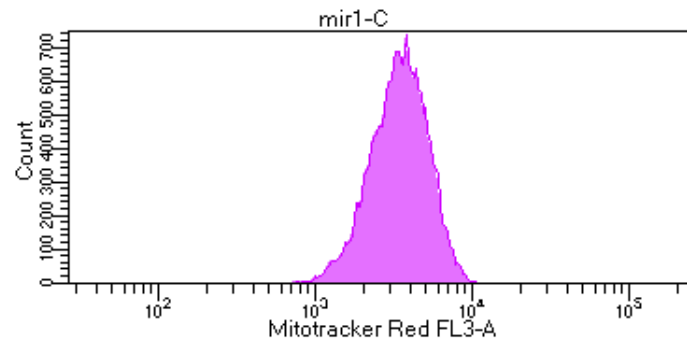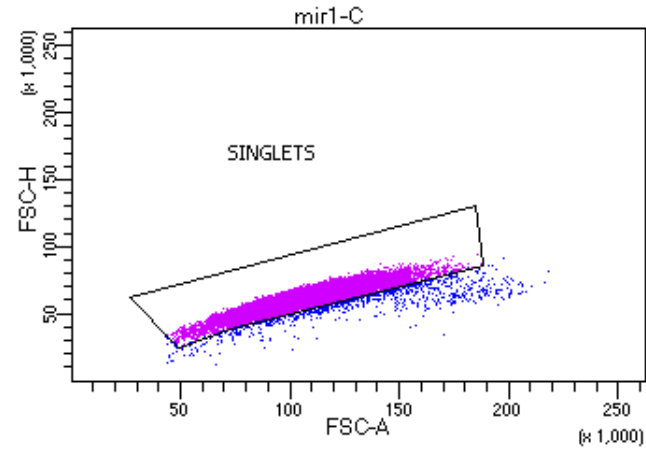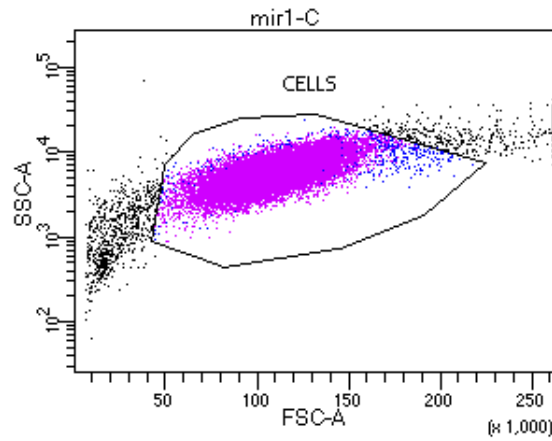
Specimen Name: mir1
Tube Name: C

Population	#Events	%Parent	Mitotracker gre... Mean	Mitotracker Re... Mean
SINGLETS	19,998	95.0	1,859	3,534
Q1	6	0.0	219	1,293
Q2	19,950	99.8	1,862	3,541
Q3	6	0.0	163	498
Q4	36	0.2	537	558

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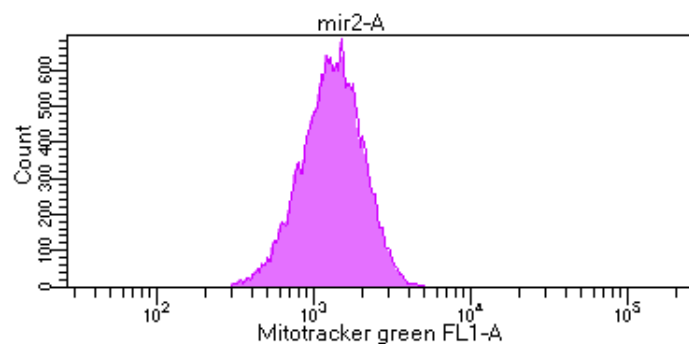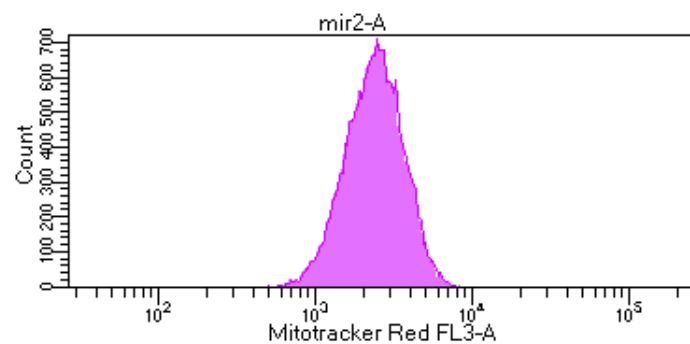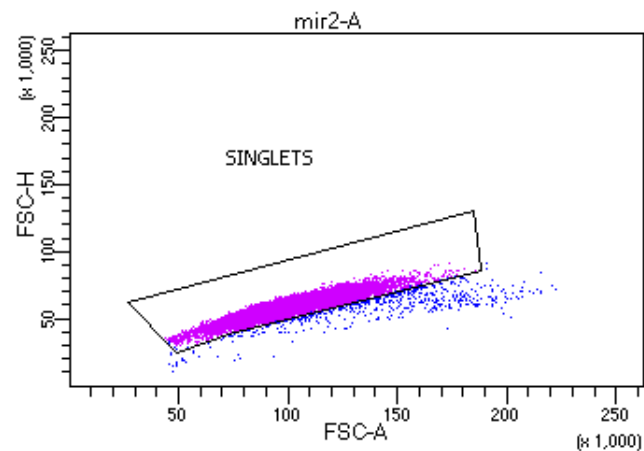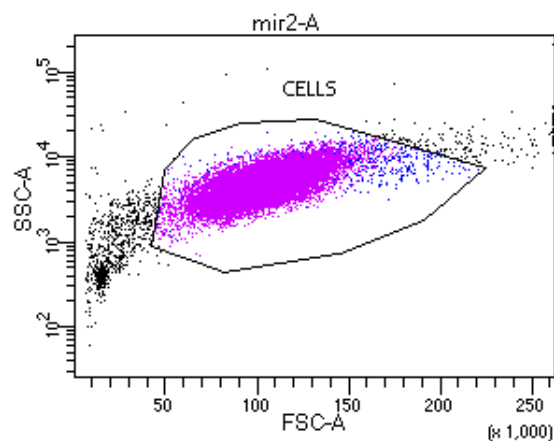
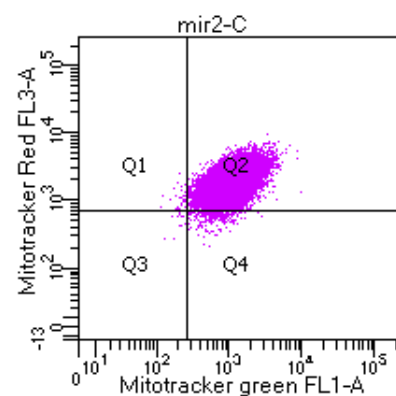| Population	#Events	%Parent	Mitotracker gre... Mean	Mitotracker Re... Mean
▮ SINGLETS	20,000	96.6	1,378	2,465
⊠ Q1	23	0.1	207	1,295
⊠ Q2	19,830	99.2	1,385	2,481
⊠ Q3	12	0.1	191	512
⊠ Q4	135	0.7	650	599

Specimen Name: mir2
Tube Name: A

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mir2-B

CELLS

SSC-A vs FSC-A (x 1,000)

mir2-B

SINGLETS

FSC-H (x 1,000) vs FSC-A (x 1,000)

mir2-B

Count vs Mitotracker Red FL3-A

mir2-B

| Q1 | Q2 |
| Q3 | Q4 |

Mitotracker Red FL3-A vs Mitotracker green FL1-A

mir2-B

Count vs Mitotracker green FL1-A
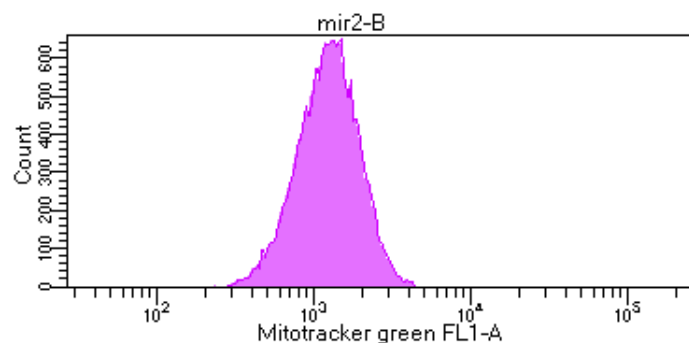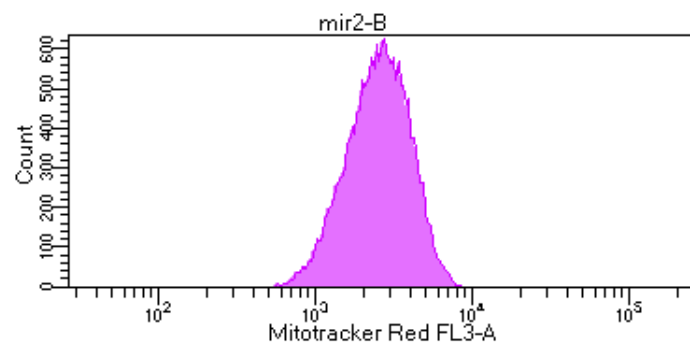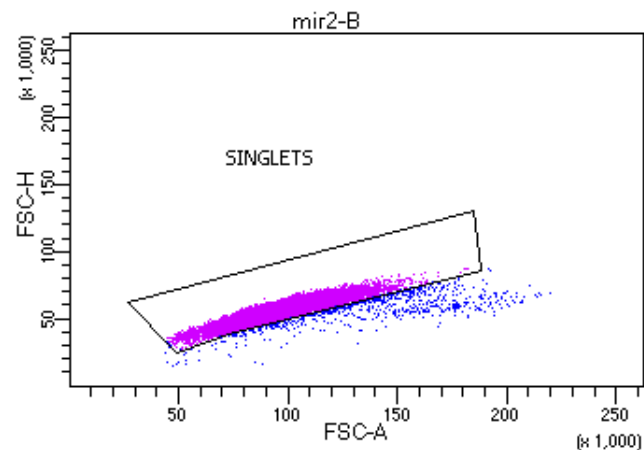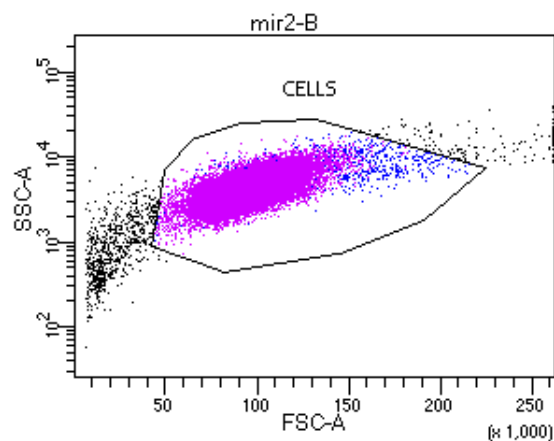
Specimen Name:			mir2	
Tube Name:			B	
			Mitotracker gre...	Mitotracker Re...
Population	#Events	%Parent	Mean	Mean
SINGLETS	20,000	95.6	1,295	2,644
Q1	23	0.1	216	1,248
Q2	19,801	99.0	1,302	2,664
Q3	14	0.1	199	517
Q4	162	0.8	691	591

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BD FACSDiva 8.0.1

CELLS

mir3-A

SSC-A / FSC-A (x 1,000)

mir3-A

SINGLETS

FSC-H (x 1,000) / FSC-A (x 1,000)

mir3-A

Count / Mitotracker Red FL3-A

mir3-A

Q1 Q2 Q3 Q4

Mitotracker Red FL3-A / Mitotracker green FL1-A

mir3-A

Count / Mitotracker green FL1-A

Specimen Name:			mir3	
Tube Name:			A	
			Mitotracker gre...	Mitotracker Re...
Population	#Events	%Parent	Mean	Mean
SINGLETS	20,000	93.3	1,503	2,175
Q1	17	0.1	221	1,087
Q2	19,660	98.3	1,516	2,202
Q3	12	0.1	220	549
Q4	311	1.6	751	587

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mir3-B — CELLS (SSC-A vs FSC-A)

mir3-B — SINGLETS (FSC-H vs FSC-A)

mir3-B (Count vs Mitotracker Red FL3-A)

mir3-B (Mitotracker Red FL3-A vs Mitotracker green FL1-A) — Q1, Q2, Q3, Q4

mir3-B (Count vs Mitotracker green FL1-A)
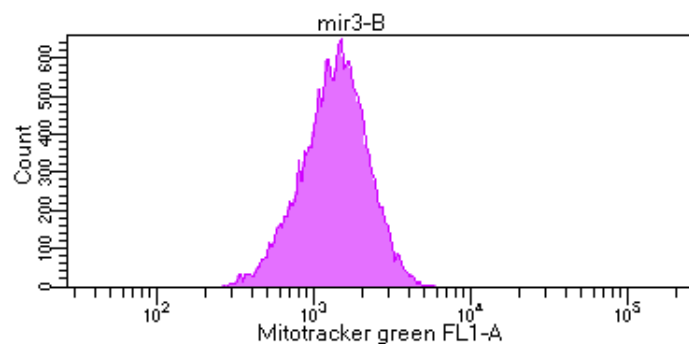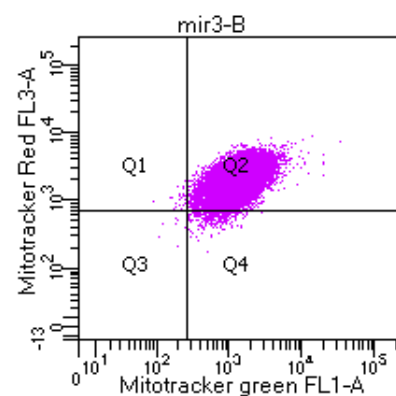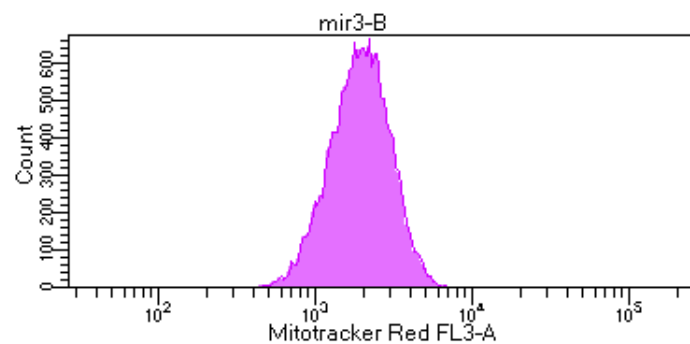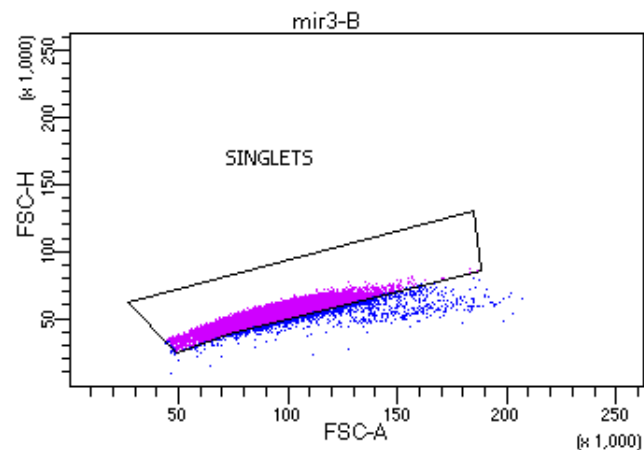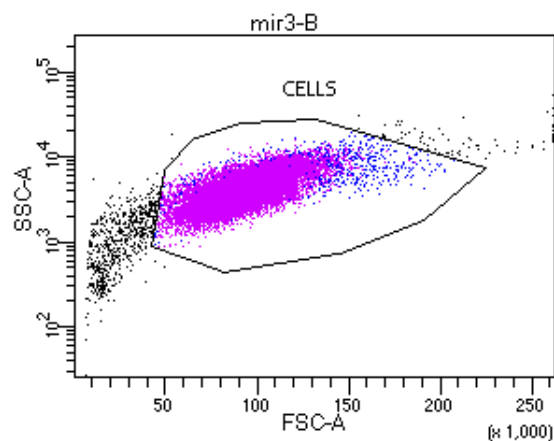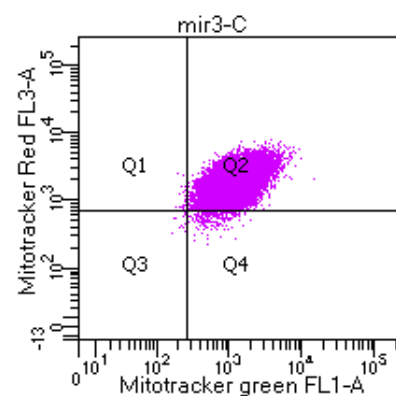
Specimen Name: mir3
Tube Name: B

Population	#Events	%Parent	Mitotracker gre... Mean	Mitotracker Re... Mean
SINGLETS	20,000	93.0	1,455	2,011
Q1	33	0.2	212	1,155
Q2	19,539	97.7	1,473	2,044
Q3	8	0.0	180	433
Q4	420	2.1	720	590

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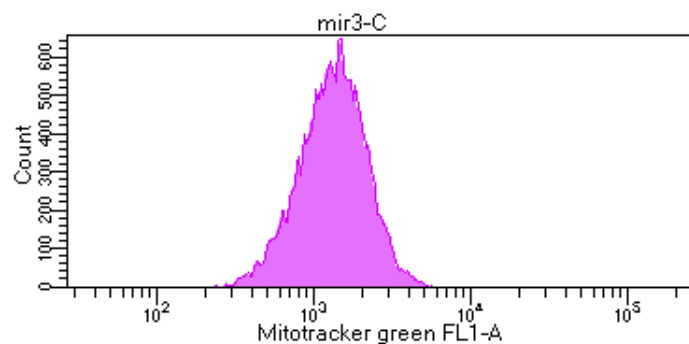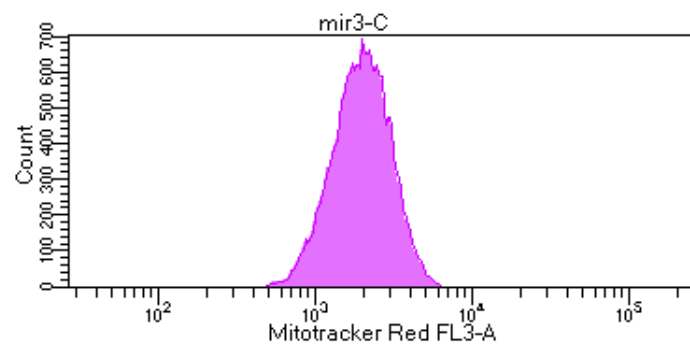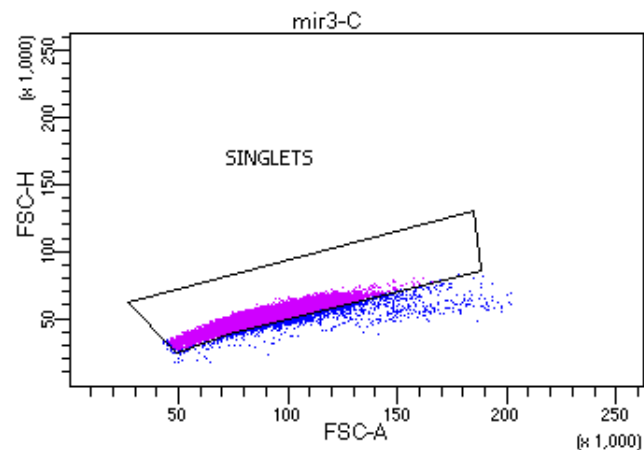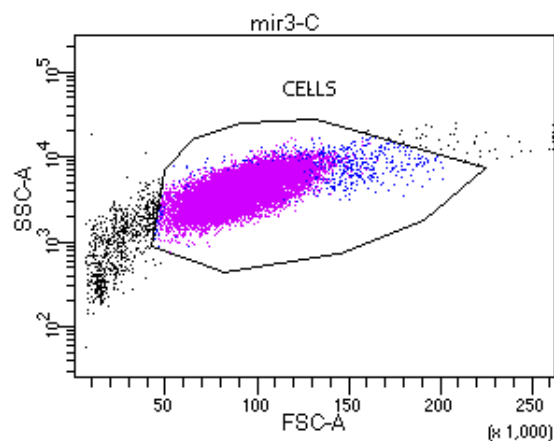
| Specimen Name: | | | mir3 | |
| Tube Name: | | | C | |

Population	#Events	%Parent	Mitotracker gre... Mean	Mitotracker Re... Mean
◻ SINGLETS	20,000	93.1	1,410	2,036
◻ Q1	27	0.1	223	1,159
◻ Q2	19,615	98.1	1,426	2,064
◻ Q3	17	0.1	215	517
◻ Q4	341	1.7	696	585